

9-6-12

LCM (Least Common Multiple)

Multiples - the #s (answers / products) you get after multiplying

Ex: Multiples of 3: 3, 6, 9, 12, ...

- Never end

Least Common Multiple - the lowest multiple that 2 or more #s have in common

Ex: LCM of 4 & 8 is 8

Steps:

① Start listing the multiples of the largest #

② STOP when you reach a multiple ~~that~~ of the other #(s)

Ex: LCM of 6 & 8 →

① 8: 8, 16, (24)
STOP

Ex: LCM of 4, 10, and 5:

10: 10, (20)
STOP